



IP SERVICES

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Title	Pub. Date	Int. Class.	App. Num.	Applicant
1. <u>(WO 2008/027065) CELLULAR-TO-VOIP CALL ESTABLISHMENT SYSTEMS, METHODS, DEVICES, AND COMPUTER SOFTWARE</u>	06.03.2008	H04Q 7/20	PCT/US2006/039482	SYNIVERSE TECHNOLOGIES, INC.
A method for establishing a VoIP media session between an originating cellular telephone and a VoIP destination device. One such method comprises receiving a first data message from an originating cellular telephone, the first data message comprising an identifier associated with a VoIP destination device, sending a second data message to the originating cellular telephone, the second data message comprising information identifying a temporary directory number (TDN) associated with the VoIP destination device, detecting an incoming voice call to the TDN from the originating cellular telephone, sending an invite message to the identifier associated with the VoIP destination device, sending a ringing indication to the originating cellular tele...				
2. <u>(WO 2007/147220) METHOD AND DEVICE FOR PROCESSING CREDITS TO BE USED BY SUBSCRIBERS OF COMMUNICATIONS NETWORKS</u>	27.12.2007	G06Q 20/00	PCT/AZ2007/000006	OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTY 'MEDIA-SERVIS'
The invention relates to a method for processing credits to be used by subscribers of communications networks (temporary and permanent provision of chargeless air-time and the possibility of using a network services), subscribers of mobile and other communications, including ip-telephony, with the further credit repayment while a balance replenishment or while paying for communication services in another way. Said invention allows the large number of subscribers of a communication network to obtain a credit by sending a conditional request, formed by a client (or in the name of a client), for obtaining a credit. The inventive method consists in inputting the request by means of an electronic communication device (a mobile telephone, ATM, a ...				
3. <u>(WO 2007/091260) SHORT-CODE DIALLING WHERE THE FULL TELEPHONE NUMBER IS RETURNED FROM A SERVER TO A TERMINAL</u>	16.08.2007	H04M 3/44	PCT/IL2007/000165	LINKU LTD.
A telecommunication system and a method are provided for setting up a call based on a short-code access number dialed out by a mobile terminal. The method comprises the steps of: intercepting the dialed out short-code access number and storing it aside in a temporary buffer; transmitting over a signaling channel the short-code access number to a predefined communication server; receiving from said communication server the corresponding full telephone number extracted from a short-code access number database; and setting up a voice call from the mobile terminal to the received full telephone number. Even when the mobile terminal is roaming, the short-codes translate according to the rules of the home network.				
4. <u>(WO 2007/072814) TERMINAL IDENTIFICATION METHOD, AUTHENTICATION METHOD, AUTHENTICATION SYSTEM, SERVER, TERMINAL, RADIO BASE STATION, PROGRAM, AND RECORDING MEDIUM</u>	28.06.2007	G06F 21/20	PCT/JP2006/325258	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Provided is a terminal identification method capable of identifying a plurality of terminal ID, performing bidirectional communication between a terminal and a network, and protecting privacy. Moreover, provided are an authentication method and an authentication system capable of reducing the radio communication procedure, the radio communication amount, and the power consumption without				

requiring a complicated calculation process. A server and a terminal share a Hash function and an initial value decided for each terminal, calculate the same temporary ID according to the initial value Hashed by the Hash function the same number of times, and identifies the terminal by using the calculated temporary ID. Moreover, the server and the terminal...

5. (WO 2006/137147) DATA COMMUNICATION METHOD, DATA COMMUNICATION SYSTEM, AND MOBILE COMMUNICATION TERMINAL DEVICE 28.12.2006 H04F 13/00 PCT/JP2005/011597 VODAFONE K.K.

A mobile telephone device (10) receives management information including size information on target data to be downloaded and judges whether the target data size exceeds 1 second predetermined value according to the size information on the target data contained in the management information. When the judgment result is negative, in the mobile telephone device (10), the target data returned in response to the download request is stored in a temporary storage region. On the other hand, when the judgment result is affirmative, it is judged whether an eternal storage region has an empty region for storing the target data. If the judgment is affirmative, the target data returned in response to the download request is stored in the eternal storag...

6. (WO 2004/105424) CALL TRANSFER FOR AN INTEGRATED WIRELINE AND WIRELESS SERVICE USING A TEMPORARY DIRECTORY NUMBER 02.12.2004 H04Q 7/32 PCT/IB2004/001672 NORTEL NETWORKS LIMITED

The present invention relates to a communication environment (10) where calls are established with a single mobile terminal (12) through either a wireless network or the public switched telephone network (PSTN) via a terminal adaptor (16), which is capable of wirelessly communicating with the mobile terminal (12). As such, the mobile terminal (12) may facilitate traditional cellular calls via the wireless network, or traditional PSTN calls via the terminal adaptor (16). A temporary directory number for the mobile terminal is provided by the wireless network and used for facilitating calls via the wireless network. The terminal adaptor, supporting telephony switch, and wireless network will cooperate to transfer calls to the wireless network...

7. (WO 2004/012114) INFORMATION PROCESSING SYSTEM, INFORMATION COMMUNICATION TERMINAL AND METHOD, INFORMATION PROCESSING DEVICE AND METHOD, RECORDING MEDIUM, AND PROGRAM 05.02.2004 G06Q 30/00 PCT/JP2003/008955 SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC.

An information processing system, an information communication terminal and method, an information processing device and method, a recording medium, and a program capable of safely performing electronic transaction. A store-for-purchase server (21) generates purchase information by using a card identification number assigned to a non-contact IC card of a mobile telephone (11). A store-for-reception server (31) acquires the purchase information and checks the card identification number assigned to the non-contact IC card of the mobile telephone (11) and the identification number of a purchase card. An authentication server (41) calculates a user reliability and a store reliability according to the temporary transaction information stored in ...

8. (WO 2003/041444) SYSTEM AND METHOD FOR CONNECTING INCOMING CALLS TO DISPOSABLE CELL PHONES 15.05.2003 H04Q 7/38 PCT/US2002/036005 SIMPLE PRODUCTS INC.

A system and method for connecting an incoming call to a mobile telephone, such as a recyclable/disposable mobile telephone. A system for connecting an incoming call to a mobile telephone comprises a server platform connected to a public switch telephone network and to a mobile switching center of a mobile telephone network and operable to receive calls from the public switch telephone network and place calls to mobile telephones in the mobile telephone network, the server platform comprising a server operable to request a Temporary Local Directory Number (TLDN) or Temporary Mobile Identification Number (TMSI)Temporary Local Directory Number (TLDN) or Temporary Mobile Identification Number (TMSI) assignment for the mobile telephone from the...

9. (WO 2003/024074) METHOD FOR THE PROVISION AND ALLOCATION OF CALL NUMBERS IN A TELECOMMUNICATION NETWORK 20.03.2003 H04M 3/42 PCT/DE2002/003372 T-MOBILE DEUTSCHLAND GMBH

The invention relates to a method for the provision and allocation of call numbers in a telecommunication network. According to said method, the call numbers are allocated to the subscribers of the telecommunication network, in addition to the available subscriber call numbers. A plurality of number contingents containing temporary anonymous TAC call numbers is made available and allocated to at least one management entity. The TAC call numbers of the number contingent can be individually or collectively allocated to the

subscribers upon request, e.g. from a subscriber, by precisely allocating a TAC call number of a contingent to an available subscriber call number.

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10. (WO 2002/060194) WIRELESS COMMUNICATION SYSTEM PROVIDING TEMPORARY NUMBERS 01.08.2002 H04Q 3/00 PCT/US2001/046592 SPRINT COMMUNICATIONS COMPANY, L.P.
- A communication system for providing temporary wireless telephone numbers to wireless call devices (100). The communication system comprising a first switching system (103) and a service control point (101). The first switching system (103) is configured to receive a registration request from a wireless call device (100) and process the registration request to generate a registration message for the service control point (100) that includes a request registration information. The service control point (100) is configured to receive the registration message and process the registration message to automatically assign a temporary wireless telephone number to the wireless call device (100).
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11. (WO 2002/027589) POSITION INFORMATION SYSTEM AND DISPATCH SUPPORTING SYSTEM 04.04.2002 G06F 17/30 PCT/JP2001/008404 ARKRAY, INC.
- A position information system (101) acquires information on the position (latitude and longitude) of the place where a temporary worker is to be dispatched from a telephone number/address DB (113) or an address/position information DB (114) by using, as the key, the calling telephone number of the telephone (103) of the client who requests dispatch. A display control unit (132) acquires a map image around the dispatch place from a map DB (138) by using the position information as the key and displays the map image the center of which is the dispatch place on a display (136), the display control unit (132) further acquires information on the positions of temporary workers and their situations from the portable terminals (104) of the temporar...
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12. (WO 2001/086603) TEMPORARY DEPOSITING BOX SYSTEM 15.11.2001 G06Q 20/00 PCT/JP2001/003948 X-CUBE CO., LTD.
- A temporary depositing box system in which a temporary depositing box can be unlocked by using a mobile telephone easily, the place where the temporary depositing box is installed, use-by-the-time charge reception/shipping information and vacancy of the temporary depositing box are readily known by using the Internet, and the use of the temporary depositing box can be charged through the telephone number of the mobile telephone. A mobile telephone (1) capable of using the Internet is used to transmit the telephone number thereof as ID information to a control unit (4) of a temporary depositing box (2). The control unit (4) drives a locking mechanism (8), when it receives the telephone number and confirms the authentication and unlocks the t...
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13. (WO 2001/076164) SYSTEM AND METHOD FOR PROVIDING AN INTERNET AUDIO STREAM TO A WAP MOBILE TELEPHONE 11.10.2001 H04L 29/06 PCT/GB2001/001547 SONTORA LIMITED
- The user of a mobile telephone (10) interacts with an Internet server (22) using the browsing capability of the mobile telephone. If the user requests a real-time audio streaming service, the audio is delivered to the end user through the telephone system (12) using the voice telephony capability of the mobile telephone. For this, the mobile telephone (10) receives instructions which tell it to automatically make a telephone call to an assigned telephone number which is allocated to an audio gateway (28). The gateway is linked to the internet (20) and receives the internet audio, which it converts into a form suitable for interfacing to the telephony network. A pool of telephone numbers is allocated to the gateway (28). When an audio servic...
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14. (WO 2000/064212) NUMBER PORTABILITY BETWEEN MOBILE TELEPHONE NETWORKS 26.10.2000 H04M 3/42 PCT/GB2000/001529 NEW WORLD TECHNOLOGY LIMITED

There is described a method and apparatus for effecting instant portability of mobile phone numbers between different mobile phone networks. When a subscriber wishes to change from an original mobile telephone network to a new network, a 'freephone' link is established from the original network to the new network, and calls to the subscriber's number are diverted to the 'freephone' number. The new network includes means for discriminating calls made to the 'freephone' number, and further diverts these calls to a temporary phone number assigned to the transferring subscriber's new handset operating on the new network. The result is an instantly-implementable solution to the problem of transferring from one mobile telephone network to another...

15. (WO 2000/051375) A SYSTEM SELECTIVELY DELIVERING CALLS TO MOBILE DEVICES 31.08.2000 H04L 12/28 PCT/ GENESYS
US2000/ TELECOMMUNICATIONS
000775 LABORATORIES, INC.

A communication system for an organization having multiple sites uses a dual-mode device capable of both cell phone communication and telephone communication on a local area network (LAN) (27). IP LANS (38, 39) are established at organization sites such that a temporary IP address is assigned to a dual-mode device (9) that logs onto an organization LAN (39), and the IP address is associated at a PSTN-connected server on the LAN (39) with the cell phone number of the communication device. The IP server (35) notifies a PSTN-connected routing server when a device logs on to a LAN (39), and also provides a destination number for the IP server. Cell calls directed to the device are then redirected to the IP server (35) and directed to the device...

16. (WO 1999/045665) HYBRID PICOCELL COMMUNICATION SYSTEM 10.09.1999 H04B 10/10 PCT/ AIR FIBER, INC.
US1999/
004055

A free-space laser communication system. The system is comprised of a large number of picocells. Each picocell comprises a base station providing conventional communication with at least one user but typically several or many users. Each base station comprises at least two laser transceivers, each transceiver having a pointing mechanism for automatic alignment. These transceivers provide communication with other base stations, relay information between other base stations or transmit information to conventional communication systems. The picocells cover relatively small geographical ranges such as about 100 meters. Applicant has demonstrated that at these distances atmospheric effects attenuating laser beams are not a serious problem. In a ...

17. (WO 1999/030480) METHOD AND SYSTEM FOR PROVIDING PREPAID AND CREDIT-LIMITED TELEPHONE SERVICES 17.06.1999 H04M 17/00 PCT/ BILLSOUTH
US1998/
025686 INTELLECTUAL
PROPERTY
CORPORATION

A real-time telephone call monitoring, rating, and response system including real-time interfaces and switching centers that create and maintain in-process call detail records for on-going telephone calls. The real-time interfaces are accessed by a real-time monitoring unit in a billing system. The billing system maintains accounts and associated service profiles for subscribers. The billing system may also obtain temporary service profiles for roamers. For both subscribers and roamers, the billing system monitors the in-process call detail records in real time and instructs the switching centers to take certain actions, such as obtaining an alternate payment source, or disconnecting a communication, in response to financial considerations ...

18. (WO 1998/058486) METHOD AND SYSTEM FOR PROVIDING TEMPORARY TELEPHONY SERVICES 23.12.1998 H04M 3/42 PCT/ TECHNOLOGY
US1998/
012712 INTERLINK
CORPORATION

A system for providing temporary direct telephony services is disclosed. A server (172) having a plurality of connections (176) with a private branch exchange (130) (PBX) selectively assigns one or more of a plurality of direct in-dial (DID) telephone numbers to a guest. The server (172) associates a guest room (138) with the guest. The server (172) detects an incoming transmission of a DID telephone number and routes the incoming call to the guest room (138) assigned to the corresponding DID telephone number. Each guest room (138) has a telephone (134) which is connected to PBX (130) via a telephonic connection (136). The system (172) permits the guest to move to another guest room (138) and yet keep the same DID numbers previously assigned...

19. (WO 1998/053629) SECURE MULTINUMBER SIM CARD AND METHOD 26.11.1998 H04Q 7/32 10p / MOTOROLA, INC.
US1998/
008474

A telephone (101) includes a SIM card reader (107) which receives SIM cards (105). The SIM card may contain two or more telephone numbers for which the phone is activated. One of the numbers may be a temporary number which is linked in use to, for example, a time period. By providing the capability of having two or more numbers on a SIM card, a single phone may respond to incoming calls for a different number of telephone numbers.

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20. (WO 1998/049848) ROAMER SERVICE AUTO-ACTIVATION AND DEACTIVATION IN A HOME LOCATION REGISTER 05.11.1998 H04Q 7/38 PCT/ SE1998/ TELEFONAKTIEBOLAGET LM ERICSSON (publ) 000574

An automatic activation (306) of a roamer mobile station (14') is implemented in a visited network home location register (20). Responsive to a registration attempt (300) by the roamer mobile station (14') a default subscriber profile is defined (310), and a temporary subscriber (directory) number is assigned (308). Arrangements are also made to insure subscriber payment (312) for any network provided wireless telephone services. Following activation (306) of the roamer mobile station (14'), the default subscriber profile is downloaded (314) for use in providing service. A timer (220) is also started and thereafter monitored for expiration (322). If the timer (220) expires before the occurrence of a wireless telephone service traffic event ...

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21. (WO 1998/049827) MOBILE RADIOTELEPHONE METHOD AND SYSTEM AND TERMINAL USED IN SUCH A SYSTEM 05.11.1998 H04M 15/28 PCT/ FR1998/ TELECOM 000610

The invention concerns a method using mobile terminals and an operating infrastructure having at least one call centre, the portable terminals being assigned a unit credit, determined before they are purchased and having means for calling only one of said call centres. When the first call is made from the terminal, a user identification is emitted therefrom, a temporary subscriber number is transmitted from the call centre to the terminal enabling the call from said terminal through the network and said number is stored at the call centre.

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22. (WO 1998/048581) DE-ALLOCATION AT PHYSICAL CHANNELS IN GENERAL PACKET RADIO SERVICE 29.10.1998 H04Q 7/22 PCT/ FI1998/ NOKIA MOBILE PHONES LIMITED 000214

A method for quickly de-allocating physical channels (PDCH) assigned to packet switched calls in a GPRS supporting GSM digital cellular telephone network. An PDCH de-allocation RLC/MAC control message is broadcast to listening mobile stations from a base station subsystem (BSS) and contains a temporary flow identity (TFI) which is recognised by the listening mobile stations (MS). The mobile stations respond by terminating packet switched data transmissions on the identified PDCHs. The RLC/MAC message also identifies the number of PDCH time slots which can be used before de-allocation must occur.

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23. (WO 1997/047151) CELLULAR TELEPHONE NETWORK ROUTING METHOD AND APPARATUS FOR INTERNATIONALLY ROAMING MOBILE STATIONS 11.12.1997 H04Q 7/38 PCT/ SE1997/ TELEFONAKTIEBOLAGET LM ERICSSON (publ) 000943

The registration notification signal (104) sent to the home cellular system (12) when an internationally roaming cellular mobile station (16(1)) registers in a foreign cellular system (32) includes an identification of the currently serving switching node (34). Upon subsequent receipt of an incoming call dialed to the roaming mobile station home directory number, the home cellular system signals (206) the serving cellular system and a temporary local directory number is assigned (208) and returned to the home cellular system. The switching node identification is then processed to identify the proper international dialing digits (212) for calling the country where the serving switching node is located. The returned temporary local directory ...

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24. (WO 1997/045988) TELEPHONING METHOD COMPRISING NOVEL SUBSCRIBER SERVICE 04.12.1997 H04M 3/42 PCT/ SE1997/ ANDERS TRELL TRUST TRELL, Anders, Edvard 000858

A telephoning method, intended to facilitate possibility to offer subscribers of a telephone network/telecommunication system a novel service for preferably incoming calls/communication. According to the invention, a subscriber can, preferably by means of dial-up and/or input, preferably via an existing keypad at the telephone instrument/terminal of the subscriber, of a predetermined booking number/code be given possibility to state a desired time period for a temporary telephone number/address, the subscriber after completed

ordering operation preferably receiving a verbal message related to allocated temporary telephone number/address, which during the time period facilitates preferably incoming calls/communication, preferably without int...

25. (WO 1997/041688) VIDEO DIRECTORY ENTERTAINMENT AND MARKETING METHOD AND APPARATUS 06.11.1997 H04N 7/15 PCT/US1997/006895 D'AGOSTINO, Richard, J.

Apparatus in the form of a TV and video conference connection device having a telephone jack, a mother board, operating system, and adapter cards including a high speed modem such as fiber or ADSL, provides audio-visual communication between a consumer and a vendor of goods and services for interactive completion of application forms in order to complete transactions such as banking, insurance, securities, product sales, service contracts and the like. Optional I/O devices may be attached to the connection device in order to print an application or contract and allow personal computing. The transaction is initiated by the consumer who causes the connection device to obtain the vendor's communication number from a network directory or a pers...

Final 5 records

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Search Summary

FP/temporary: 5508 occurrences in 3399 records.

FP/telephone: 34444 occurrences in 12942 records.

(FP/temporary AND FP/telephone): 80 records.

FP/number: 100406 occurrences in 64127 records.

((FP/temporary AND FP/telephone) AND FP/number): 30 records.

Search Time: 0.08 seconds.

